

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/729716
Filing Date	December 5, 2003
First Named Inventor	Varadan, Vijay
Art Unit	
Examiner Name	
Attorney Docket Number	2002 - 2730

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
[Signature]		US- 6,597,090	07-22-2003	Mancevski	
		US- 6,231,980	05-15-2001	Cohen	
		US- 6,232,706	05-15-2001	Dai	
		US- 6,558,645	05-06-2003	Nakayama	
		US- 2003/0010279 A1	01-16-2003	Nakayama	
		US- 6,583,085	06-24-2003	Nakayama	
		US- 6,576,341	06-10-2003	Davey	
		US- 6,455,021	9-24-2003	Saito	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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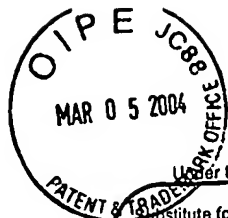
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		Application Number	10/729716
		Filing Date	December 5, 2003
		First Named Inventor	Varadan, Vijay
		Art Unit	
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number	2002 - 2730

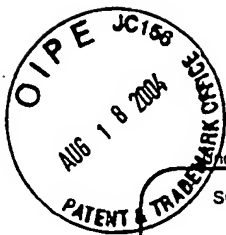
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		VARADAN, V K, "Synthesis of carbon nanocoils by microwave CVD," Smart Materials and Structures, Sept. 20, 2002, 728-734, 11, Institute of Physics Publishing.	
		BIRO, L P, "Coiled carbon nanotubes structures with supraunitary nonhexagonal to hexagonal ring ratio," Physical Review, Oct. 4, 2002, 165405, 66, The American Phys. Society.	
		CUNDY, C S, "The Hydrothermal Synthesis of Zeolites: History and Developement from the Earliest Days to the Present Time," Chemical Reviews, Feb. 21, 2003, 663-701, 103.	

Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1

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Application Number	10/729,716
Filing Date	December 5, 2003
First Named Inventor	Vijay Varadan
Art Unit	1754
Examiner Name	
Attorney Docket Number	2002-2730

U. S. PATENT DOCUMENTS					
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		Number-Kind Code ² (if known)			
		US- 5,413,866	05-09-1995	Baker, et al.	
		US- 6,231,980	05-15-2001	Cohen, et al.	
		US- 6,232,706	05-15-2001	Dai, et al.	
		US- 6,333,016	12-25-2001	Resasco, et al.	
		US- US 2002-0127170	09-12-2002	Hong, et al.	
		US- 6,455,021	10-24-2002	Saito	
		US- US 2003/0010279	01-16-2003	Nakayama, et al.	
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		Art Unit	1754
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Sheet 1	of 2	Attorney Docket Number	2002-2730

NON PATENT LITERATURE DOCUMENTS			
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		AMELINCKX, et al., A Formation Mechanism for Catalytically Grown Helix-Shaped Graphite Nanotubes, 29 July 1994, Science, vol. 265, pages 635-639.	
		BIRO, et al. Coiled carbon nanotube structures with supraunitary nonhexagonal to hexagonal ring ratio, 4 October 2002, Physical Review B, vol. 66, pages 165405-1 to 165405-6.	
		PAN, et al., Growth mechanism of carbon nanocoils, 15 June 2002, Journal of Applied Physics, vol. 91, no. 12, pages 10058-10061.	
		VOLODIN, et al, Imaging the Elastic Properties of Coiled Carbon Nanotubes with Atomic Force Microscopy, 10 April 2000, Physical Review Letters, vol.84, no. 15, pages 3342-3345.	

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